

Patent  
674537-2001**AMENDMENT**

Please amend the claims without prejudice, without admission, without surrender of subject matter and without intention of creating any estoppel as to equivalents, as follows.

**In the Claims**

65. (Amended) A complex formed between (i) an antibody or biologically active fragment thereof derived from a first species and (ii) a bifunctional molecule, the bifunctional molecule comprising a binding region of non-antibody origin which binds to the antibody of the first species or to one or more non-naturally occurring groups provided thereon, and a constant region derived from an antibody of a second species, the constant region comprising at least one C<sub>H</sub> domain or an epitope thereof, wherein the binding region and the constant region are linked directly or are separated by a linker molecule of between 1 and 20 amino acids in length.

66. (Amended) A complex formed between (i) an antibody or biologically active fragment thereof derived from a first species and (ii) a bifunctional molecule, the bifunctional molecule comprising a binding region of non-antibody origin which binds to the antibody of the first species or to one or more non-naturally occurring groups provided thereon, and a constant region derived from an antibody of a second species, the constant region comprising at least one C<sub>H</sub> domain or an epitope thereof, wherein according to claim 65 in which the binding region has a K<sub>D</sub> for the antibody of the first species, or a group provided thereon, of less than 10<sup>-6</sup> M.

67. (Original) A complex according to claim 66 in which the binding region has a K<sub>D</sub> for the antibody of the first species, or a group provided thereon, of less than 10<sup>-8</sup> M.

68. (Original) A complex according to claim 65 in which the bifunctional molecule binds directly to the antibody derived from the first species.

69. (Original) A complex according to claim 68 in which the binding region is derived from a protein selected from the group consisting of, *Streptococcal* protein G, *Staphylococcal aureus* protein A and *Peptostreptococcus magnus* protein L.

70. (Original) A complex according to claim 69 in which the binding region comprises fragment B of *Staphylococcus aureus* protein A.

71. (Original) A complex according to claim 68 in which the binding region comprises a mouse Fc  $\gamma$  receptor or fragment thereof.

72. (Original) A complex according to claim 68 in which the binding region comprises a histidine rich glycoprotein.

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73. (Amended) A complex formed between (i) an antibody or biologically active fragment thereof derived from a first species and (ii) a bifunctional molecule, the bifunctional molecule comprising a binding region of non-antibody origin which binds to the antibody of the first species or to one or more non-naturally occurring groups provided thereon, and a constant region derived from an antibody of a second species, the constant region comprising at least one C<sub>H</sub> domain or an epitope thereof, wherein according to claim 65 in which the binding region binds to one or more groups provided on the antibody of the first species.

74. (Original) A complex according to claim 73 in which the group(s) is a biotin molecule and the binding region comprises streptavidin or a fragment thereof.

75. (Amended) A complex formed between (i) an antibody or biologically active fragment thereof derived from a first species and (ii) a bifunctional molecule, the bifunctional molecule comprising a binding region of non-antibody origin which binds to the antibody of the first species or to one or more non-naturally occurring groups provided thereon, and a constant region derived from an antibody of a second species, the constant region comprising at least one C<sub>H</sub> domain or an epitope thereof, wherein according to claim 65 in which the constant region comprises one or more constant domains derived from an IgM antibody.

76. A complex according to claim 75 in which the constant region comprises one or more C<sub>H</sub>3 $\mu$  domains.

77. (Amended) A complex formed between (i) an antibody or biologically active fragment thereof derived from a first species and (ii) a bifunctional molecule, the bifunctional molecule comprising a binding region of non-antibody origin which binds to the antibody of the first species or to one or more non-naturally occurring groups provided thereon, and a constant region derived from an antibody of a second species, the constant region comprising at least one C<sub>H</sub> domain or an epitope thereof, wherein according to claim 65 in which the constant region comprises one or more constant domains derived from an IgG antibody.

78. A complex according to claim 77 in which the constant region comprises one or more C<sub>H</sub>3 $\gamma$  domains.

79. (Amended) A complex formed between (i) an antibody or biologically active fragment thereof derived from a first species and (ii) a bifunctional molecule, the bifunctional molecule comprising a binding region of non-antibody origin which binds to the antibody of the first species or to one or more non-naturally occurring groups provided thereon, and a constant

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region derived from an antibody of a second species, the constant region comprising at least one C<sub>H</sub> domain or an epitope thereof, wherein according to claim 65 in which the constant region comprises one or more constant domains derived from an IgA antibody.

80. (Amended) A complex formed between (i) an antibody or biologically active fragment thereof derived from a first species and (ii) a bifunctional molecule, the bifunctional molecule comprising a binding region of non-antibody origin which binds to the antibody of the first species or to one or more non-naturally occurring groups provided thereon, and a constant region derived from an antibody of a second species, the constant region comprising at least one C<sub>H</sub> domain or an epitope thereof, wherein according to claim 65 in which the antibody constant region comprises or consists of a non-naturally occurring combination of immunoglobulin C<sub>H</sub> domains or epitopes thereof.

81. A complex according to claim 65 in which the antibody constant region comprises or consists of a single C<sub>H</sub> domain.

82. A complex according to claim 65 in which the first species is a rat or mouse.

83. (Amended) A complex formed between (i) an antibody or biologically active fragment thereof derived from a first species and (ii) a bifunctional molecule, the bifunctional molecule comprising a binding region of non-antibody origin which binds to the antibody of the first species or to one or more non-naturally occurring groups provided thereon, and a constant region derived from an antibody of a second species, the constant region comprising at least one C<sub>H</sub> domain or an epitope thereof, wherein according to claim 65 in which the second species is a human.

84-89. (Cancelled)

90. (New) A complex formed between (i) an antibody or biologically active fragment thereof derived from a first species and (ii) a bifunctional molecule, the bifunctional molecule consisting of a binding region of non-antibody origin which binds to the antibody of the first species or to one or more non-naturally occurring groups provided thereon, and a constant region derived from an antibody of a second species, the constant region consisting of at least one C<sub>H</sub> domain or an epitope thereof.

Please cancel claims 1-64 and 84-89 without prejudice, without admission, without surrender of subject matter, and without any intention of creating any estoppel as to equivalents.